

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

JUN 10 2005

SHEET 1 OF 5

Application No.	09/991,378
Filing Date	November 21, 2001
First Named Inventor	Miles, Mark W.
Art Unit	2675 2678
Examiner	Ward, Aaron S. Piziali, Jeff
Attorney Docket No.	IRDM.029CPC/ IDC-0005B1C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
JP	1	4,392,711	07-12-1983	Moraw et al.	
JP	2	4,441,791	04-10-1984	Hornbeck	
JP	3	4,482,213	11-13-1984	Piliavin et al.	
JP	4	4,500,171	02-19-1985	Penz et al.	
JP	5	4,566,935	01-28-1986	Hornbeck	
JP	6	4,571,603	02-18-1986	Hornbeck et al.	
JP	7	4,596,992	06-24-1986	Hornbeck	
JP	8	4,615,595	10-07-1986	Hornbeck	
JP	9	4,662,746	05-05-1987	Hornbeck	
JP	10	4,710,732	12-01-1987	Hornbeck	
JP	11	4,856,863	08-15-1989	Sampsell et al.	
JP	12	4,857,978	08-15-1989	Goldburt et al.	
JP	13	4,900,136	02-13-1990	Goldburt et al.	
JP	14	4,954,789	09-04-1990	Sampsell	
JP	15	4,956,619	09-11-1990	Hornbeck	
JP	16	4,965,562	10-23-1990	Verhulst	
JP	17	5,018,256	05-28-1991	Hornbeck	
JP	18	5,028,939	07-02-1991	Hornbeck et al.	
JP	19	5,037,173	08-06-1991	Sampsell et al.	
JP	20	5,061,049	10-29-1991	Hornbeck	
JP	21	5,079,544	01-07-1992	DeMond et al.	
JP	22	5,083,857	01-28-1992	Hornbeck	
JP	23	5,096,279	03-17-1992	Hornbeck et al.	
JP	24	5,099,353	03-24-1992	Hornbeck	
JP	25	5,142,405	08-25-1992	Hornbeck	
JP	26	5,162,787	11-10-1992	Thompson et al.	
JP	27	5,170,156	12-08-1992	DeMond et al.	
JP	28	5,172,262	12-15-1992	Hornbeck	
JP	29	5,179,274	01-12-1993	Sampsell	

Examiner Signature

Jeff Piziali

Date Considered

4-7-06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached.

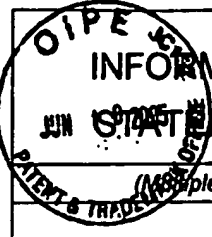


INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Multiple sheets used when necessary)	Application No.	09/991,378
	Filing Date	November 21, 2001
	First Named Inventor	Miles, Mark W.
	Art Unit	2675 2628
SHEET 2 OF 5	Examiner	Ward, Aaron S. Pizioli, Jeff
	Attorney Docket No.	IRDM.029CPC/ IDC-0005B1C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
JS	30	5,192,395	03-09-1993	Boysel et al.	
JS	31	5,192,946	03-09-1993	Thompson et al.	
JS	32	5,206,629	04-27-1993	DeMond et al.	
JS	33	5,214,419	05-25-1993	DeMond et al.	
JS	34	5,214,420	05-25-1993	Thompson et al.	
JS	35	5,216,537	06-01-1993	Hornbeck	
JS	36	5,226,099	07-06-1993	Mignardi et al.	
JS	37	5,233,385	08-03-1993	Sampsell	
JS	38	5,233,456	08-03-1993	Nelson	
JS	39	5,254,980	10-19-1993	Hendrix et al.	
JS	40	5,272,473	12-21-1993	Thompson et al.	
JS	41	5,278,652	01-11-1994	Urbanus et al.	
JS	42	5,280,277	01-18-1994	Hornbeck	
JS	43	5,287,096	02-15-1994	Thompson et al.	
JS	44	5,296,950	03-22-1994	Lin et al.	
JS	45	5,305,640	04-26-1994	Boysel et al.	
JS	46	5,312,513	05-17-1994	Florence et al.	
JS	47	5,323,002	06-21-1994	Sampsell et al.	
JS	48	5,324,683	06-28-1994	Fitch et al.	
JS	49	5,325,116	06-28-1994	Sampsell	
JS	50	5,327,286	07-05-1994	Sampsell et al.	
JS	51	5,331,454	07-19-1994	Hornbeck	
JS	52	5,339,116	08-16-1994	Urbanus et al.	
JS	53	5,365,283	11-15-1994	Doherty et al.	
JS	54	5,411,769	05-02-1995	Hornbeck	
JS	55	5,444,566	08-22-1995	Gale et al.	
JS	56	5,446,479	08-29-1995	Thompson et al.	
JS	57	5,448,314	09-05-1995	Heimbuch et al.	
JS	58	5,452,024	09-19-1995	Sampsell	

Examiner Signature	Jeff Pizioli	Date Considered	4-7-06
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

T¹ - Place a check mark in this area when an English language Translation is attached.

	Application No.	09/991,378
	Filing Date	November 21, 2001
	First Named Inventor	Miles, Mark W.
	Art Unit	2695 2629
	Examiner	Ward, Aaron S. Piziali, Jeff
SHEET 3 OF 5		Attorney Docket No. IRDM.029CPC/ IDC-0005B1C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
JS	59	5,454,906	10-03-1995	Baker et al.	
JS	60	5,457,493	10-10-1995	Leddy et al.	
JS	61	5,457,566	10-10-1995	Sampsell et al.	
JS	62	5,459,602	10-17-1995	Sampsell	
JS	63	5,461,411	10-24-1995	Florence et al.	
JS	64	5,474,865	12-12-1995	Vasudev	
JS	65	5,489,952	02-06-1996	Gove et al.	
JS	66	5,497,172	03-05-1996	Doherty et al.	
JS	67	5,499,037	03-12-1996	Nakagawa et al.	
JS	68	5,499,062	03-12-1996	Urbanus	
JS	69	5,506,597	04-09-1996	Thompson et al.	
JS	70	5,515,076	05-07-1996	Thompson et al.	
JS	71	5,517,347	05-14-1996	Sampsell	
JS	72	5,523,803	06-04-1996	Urbanus et al.	
JS	73	5,526,051	06-11-1996	Gove et al.	
JS	74	5,526,172	06-11-1996	Kanack	
JS	75	5,526,688	06-18-1996	Boysel et al.	
JS	76	5,535,047	07-09-1996	Hornbeck	
JS	77	5,548,301	08-20-1996	Kornher et al.	
JS	78	5,551,293	09-03-1996	Boysel et al.	
JS	79	5,552,924	09-03-1996	Tregilgas	
JS	80	5,559,358	09-24-1996	Burns et al.	
JS	81	5,563,398	10-08-1996	Sampsell	
JS	82	5,567,334	10-22-1996	Baker et al.	
JS	83	5,570,135	10-29-1996	Gove et al.	
JS	84	5,581,272	12-03-1996	Conner et al.	
JS	85	5,583,688	12-10-1996	Hornbeck	
JS	86	5,589,852	12-31-1996	Thompson et al.	
JS	87	5,597,736	01-28-1997	Sampsell	

Examiner Signature	Jeff Piziali	Date Considered	4-7-06
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

T¹ - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Multiple sheets used when necessary) JUN 10 2005 PATENT & TRADEMARK OFFICE	Application No.	09/991,378	
	Filing Date	November 21, 2001	
	First Named Inventor	Miles, Mark W.	
	Art Unit	2675 2629	
	Examiner	Ward, Aaron S. Piziali, Jeff	
SHEET 4 OF 5		Attorney Docket No.	IRDM.029CPC/ IDC-0005B1C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
JS	88	5,600,383	02-04-1997	Hornbeck	
JS	89	5,602,671	02-11-1997	Hornbeck	
JS	90	5,606,441	02-25-1997	Florence et al.	
JS	91	5,608,468	03-04-1997	Gove et al.	
JS	92	5,610,438	03-11-1997	Wallace et al.	
JS	93	5,610,624	03-11-1997	Bhuva	
JS	94	5,610,625	03-11-1997	Sampsell	
JS	95	5,619,365	04-08-1997	Rhoades et al.	
JS	96	5,619,366	04-08-1997	Rhoads et al.	
JS	97	5,646,768	07-08-1997	Kaeiyama	
JS	98	5,650,881	07-22-1997	Hornbeck	
JS	99	5,654,741	08-05-1997	Sampsell et al.	
JS	100	5,657,099	08-12-1997	Doherty et al.	
JS	101	5,659,374	08-19-1997	Gale, Jr. et al.	
JS	102	5,665,997	09-09-1997	Weaver et al.	
JS	103	5,745,193	04-28-1998	Urbanus et al.	
JS	104	5,745,281	04-28-1998	Yi et al.	
JS	105	5,771,116	06-23-1998	Miller et al.	
JS	106	5,784,212	07-21-1998	Hornbeck	
JS	107	5,818,095	10-06-1998	Sampsell	
JS	108	5,825,528	10-20-1998	Goosen	
JS	109	5,842,088	11-24-1998	Thompson	
JS	110	5,912,758	06-15-1999	Knipe et al.	
JS	111	5,986,796	11-16-1999	Miles	
JS	112	6,040,937	03-21-2000	Miles	
JS	113	6,049,317	04-11-2000	Thompson et al.	
JS	114	6,061,075	05-09-2000	Nelson et al.	
JS	115	6,099,132	08-08-2000	Kaeriyama	
JS	116	6,232,936	05-15-2001	Gove et al.	

Examiner Signature	Jeff Piziali	Date Considered	4-7-06
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

T¹ - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 5 OF 5

Application No.	09/991,378
Filing Date	November 21, 2001
First Named Inventor	Miles, Mark W.
Art Unit	2625 2629
Examiner	Ward, Aaron S. Piziali, Jeff
Attorney Docket No.	IRDM.029CPC/ IDC-0005B1C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
JP	117	6,447,126	09-10-2002	Hornbeck	
JP	118	6,650,455	11-18-2003	Miles, Mark W.	
JP	119	6,674,562	01-06-2004	Miles et al.	
JP	120	6,680,792	01-20-2004	Miles	
JP	121	6,710,908	03-23-2004	Miles et al.	
JP	122	6,867,896	03-15-2005	Miles	
JP	123	20010003487	06-14-2001	Miles	
JP	124	20020015215	02-07-2002	Miles	
JP	125	20020024711	02-28-2002	Miles	
JP	126	20020054424	05-09-2002	Miles	
JP	127	20020075555	06-20-2002	Miles	
JP	128	20020126364	09-12-2002	Miles	
JP	129	20020149828	10-17-2002	Miles	
JP	130	20030043157	03-06-2003	Miles	
JP	131	20030072070	04-17-2003	Miles	
JP	132	20040051929	03-18-2004	Sampsell et al.	
JP	133	20040240032	12-02-2004	Miles	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
JP	134	ROC Pat Pub No 157313	05-01-1991	FSI International, Inc.		T
JP	135	WO9717628	05-15-1997	Etalon, Inc.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
JP	136	BASS, "Handbook of Optics, Volume I, Fundamentals, Techniques, and Design, Second Edition," McGraw-Hill, Inc., New York, pp. 2.29-2.36 (1995)	

1756569
060705

Examiner Signature	Jeff Piziali	Date Considered	4-7-06
--------------------	--------------	-----------------	--------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached.